



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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M/037/038

November 9, 1995

TO: Minerals File

FROM: Tony Gallegos, Reclamation Engineer *dag*

RE: Site Inspection, Energy Fuels Nuclear, Repete & Lee Mine, M/037/038, (BLM UTU-SJ-93-02), San Juan County, Utah

Date of Inspection: November 2, 1995  
Time of Inspection: 1605 - 1650  
Conditions: Clear skies, cool  
Participants: Tony Gallegos, DOGM

Purpose of Inspection: To examine the reclamation stability of the site

The Repete Mine site was visited first. A closer review of the files back in the office revealed this portion of the site was known as the Repete Mine Adit #2 area. Photographs were taken of this portion of the site looking down towards the north and northeast. The Lee site, which is also associated with this permit, is visible in the distance from this site.

Vegetation growing on the reclaimed portions of the Adit #2 area is very minimal. The poor revegetation success here may be attributed to the soils in this area. Closer examination of the soils reveal a large amount of clay is present. This site was initially disturbed prior to the Act, so no topsoil material was salvaged for use in reclamation. The reclaimed areas show furrowing along the contour which should improve the water retention and revegetation efforts. There are no mine portals currently evident or visible at the site.

The access road in the SW/4 of the SW/4 of section 9 to the Repete site has been reclaimed; however, the road to the west of the site in section 8 has not been reclaimed. This unreclaimed road continues beyond the mine site up to a knoll and appears to access some other disturbances which may have been mining related. The unreclaimed portion of this road is believed to be on the Navajo Reservation. Unfortunately, due to a lack of familiarity with the site, the area known as the Repete Adit #1 was not closely examined during this inspection.

The Lee site was next visited. The Lee site is about one mile east from the Repete site. The revegetation success at the Lee site is better when compared to the Repete site. Here again, the gray soils are a poor growth medium and appear to have a large amount of clay. Portions of the Lee site were



Page 2  
Site Inspection  
M/037/038  
November 9, 1995

furrowed or roughened along the contour to improve water retention and minimize erosion. Portions of the regraded slopes were regraded by pushing down the gradient, probably due to the steepness of these areas. The revegetation success is better in the areas which were furrowed along the contour or had some other type of surface roughness created.

Photographs were taken of the mine site from different vantage points. The road to this mine site is entirely reclaimed. It appears that someone has attempted to drive on the reclaimed access road for a short distance off the main road; however, they didn't get very far before having to turn around.

It should be noted that according to a map in the file (copy attached), the eastern portion of the Repete Mine located on Pete Claims 8 and 10 involves BLM surface and mineral ownership. The western portion of the Repete Mine located on Pete Claims 9 and 7 involves surface ownership by the Navajo Tribe and federal mineral ownership. The topographic map for this area (copy of map portion attached) shows the reservation border running north and south along the section line between sections 8 and 9 at the Repete Mine; however, there is another border drawn inside section 8 within the reservation border which includes the roads and mine workings in the SE/4 SE/4 of section 8. The majority of the Lee Mine involves private surface and federal minerals, with only a small portion of the southern end of the Lee site on BLM administered land.

Roger Smith of Energy Fuels has recently contacted the Division requesting release of this site. The Division is currently holding a partial surety to cover revegetation efforts. This money was to be retained until the revegetation success was satisfactory. The BLM has indicated they are satisfied with the reclamation work performed at the site in a letter received July 20, 1993; however, they wish to be contacted prior to final release of the site. Division records indicate reclamation work at this site was completed in the summer of 1993. This means the vegetation at the sites has survived two growing seasons thus far. The Division usually requires three growing seasons before fully releasing a site; however, earlier release can be allowed. The BLM will need to be consulted regarding the full release of this site.

jb

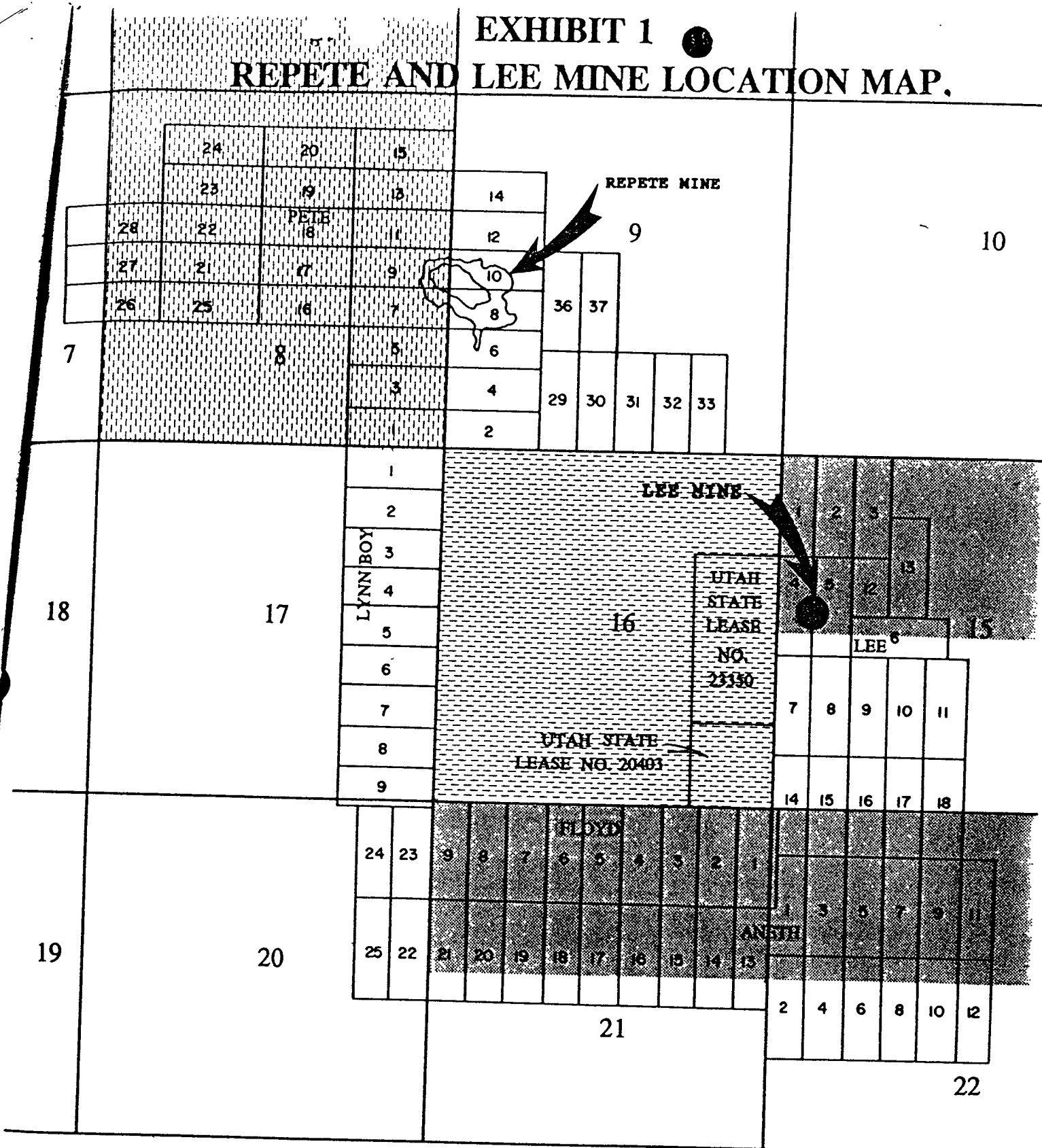
Attachments: land status map, photocopy of topographic map

cc: Michelle Rehmann, Energy Fuels *w/attachments*  
Ted McDougall, BLM, San Juan RA *w/attachments*





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# EXHIBIT 1

## REPETE AND LEE MINE LOCATION MAP.



### LAND OWNERSHIP KEY

- |  |   |
|--|---|
|  FEDERAL SURFACE<br>FEDERAL MINERAL |  PRIVATE SURFACE (SHUMWAY)<br>UTAH STATE - MINERAL |
|  PRIVATE SURFACE<br>FEDERAL MINERAL |  SURFACE NAVAJO INDIAN TRIBE<br>FEDERAL MINERAL    |



REPETE MINE LOCATION



LEE MINE LOCATION

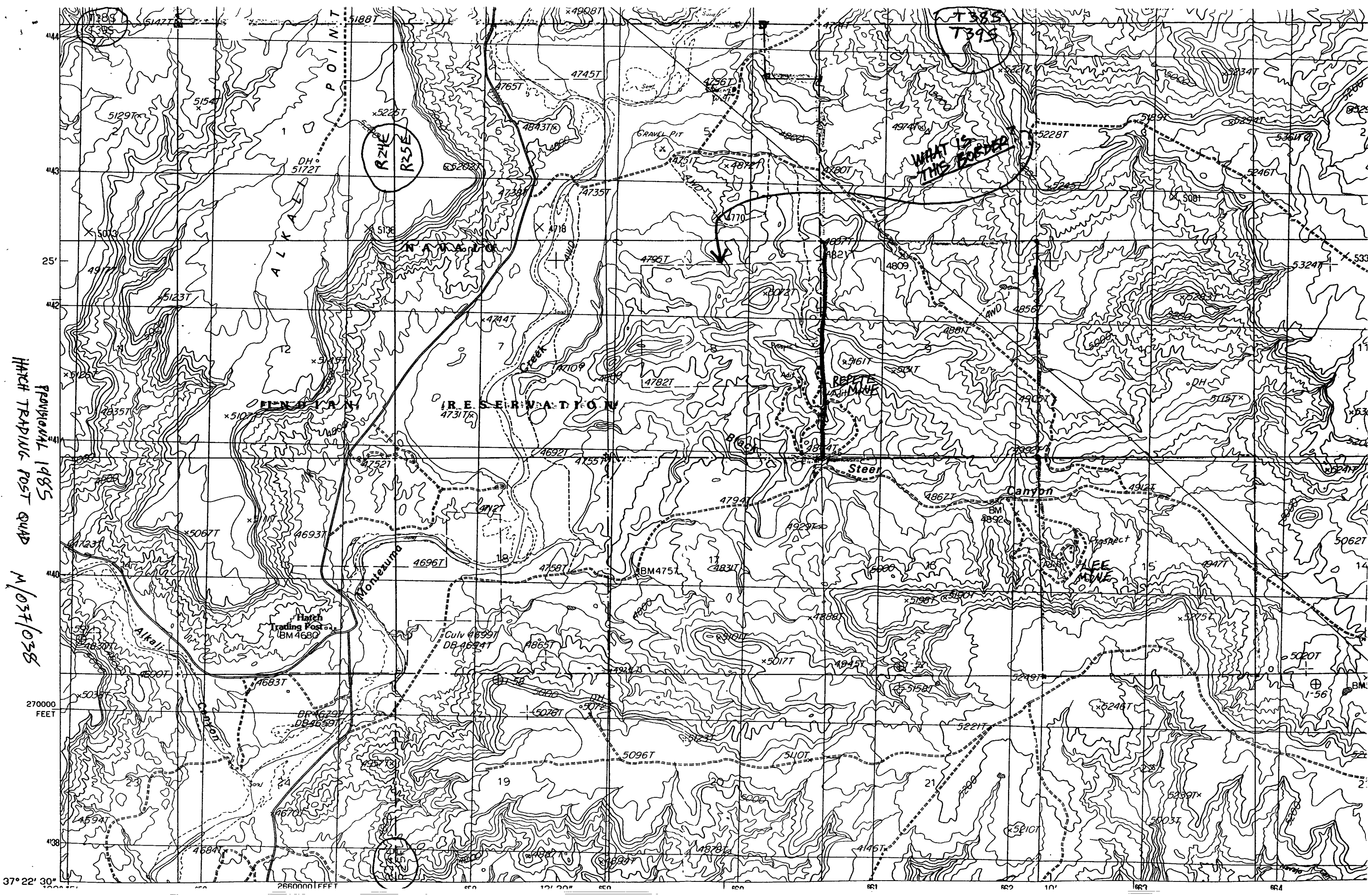


SCALE 1" = 2,000'

"PETE" PROPERTIES LAND STATUS AND CLAIM MAP  
TOWNSHIP 39 SOUTH, RANGE 25 EAST, SAN JUAN COUNTY, UTAH



PROPOSED 1985  
HATCH TRADING POST QUAD  
M/037/038



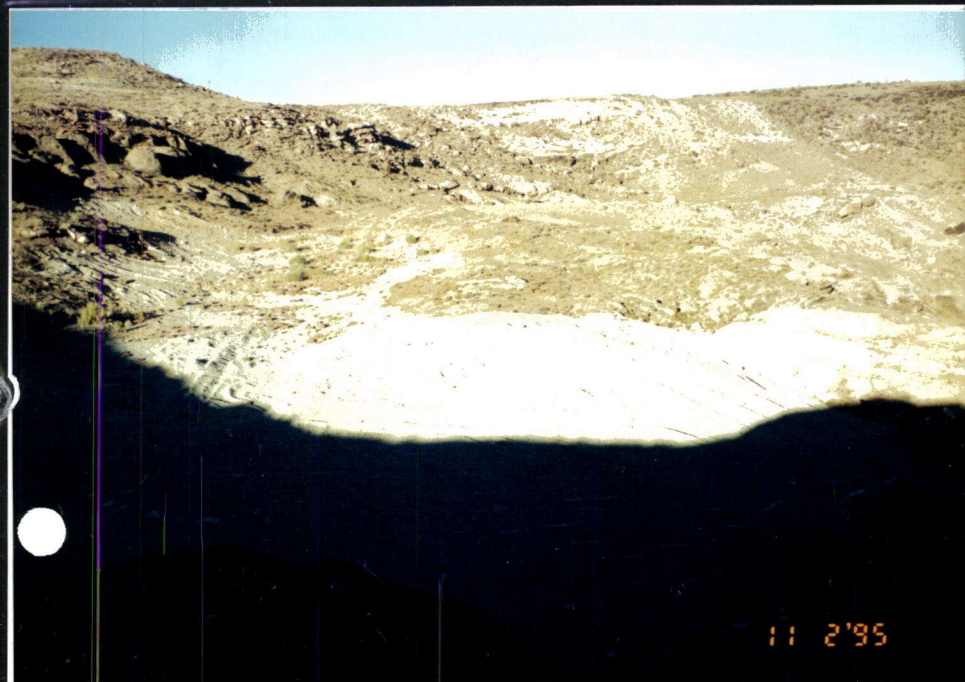




REPORT 4 LEE









STOCK# DPV840-C00

11/02/00  
REPETE & LEE

